

Abstracts

An Analysis of EM Wave Circuit Problems by Network-Boundary Element Method

F. Zheng-he. "An Analysis of EM Wave Circuit Problems by Network-Boundary Element Method." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 271-273.

The paper describes a new method which combines Boundary Element Method (BEM) with network method and is called "Network-Boundary Element Method". This hybrid method needs small amount of nodes, can get network parameter directly. It can be used to solve planar circuit problems and discontinuous problems of transmission lines. Some examples are given in the paper.

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